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PATENT
(Docket No. IN-9510CIP-2)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Koichi TAKAMURA

Serial No.: 10/828,457

Filed: April 20, 2004

For: Inorganic-Organic Polymer
Nanocomposite and Methods for
Making and Using

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

Group Art Unit: 1714

Examiner:

I hereby certify that the attached correspondence is being transmitted via facsimile addressed to Commissioner for Patents, PO BOX 1450, Alexandria, VA 22313-1450, on the date shown below to facsimile number 1-703-877-9306.

8-5-2004
Date

Michael Morgan
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OFFICIAL

RESPONSE TO NOTICE REGARDING BENEFIT/PRIORITY CLAIM(S)

In response to the Notice mailed on July 30, 2004, the priority for the current application is given below.

The present application is a continuation-in-part of U.S. Serial No. 10/332,894, filed on 14 January 2003.

U.S. Serial No. 10/332,894 is a national stage application of PCT/US02/33343, filed on 18 June 2002, and PCT/US01/44988, filed on 20 November 2001.

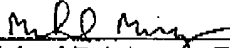
PCT/US02/33343 is a continuation-in-part of PCT/US01/44988.

PCT/US01/44988 claims priority to U.S. Serial No. 09/790,273, filed 21 February 2001, and to U.S. Serial No. 60/256,709, filed 18 December 2000.

Enclosed are copies of the first page of the PCT publications for PCT/US01/44988 and PCT/US02/33343 that show the above priority claims.

Should there be any questions about the above remarks, the undersigned attorney would welcome a telephone call.

Respectfully submitted,


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(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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C08K 3/00

(21) International Application Number: PCT/US01/44988

(22) International Filing Date:
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09/790,273 21 February 2001 (21.02.2001) US(71) Applicant (for all designated States except US): BASF
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lotte, NC 28273 (US).(74) Agents: SABOURIN, Anne, Gerry et al.; BASF Corpo-
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(US).(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
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CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GI,
GM, HR, HU, ID, IL, IN, IS, JP, KB, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI,
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NE, SN, TD, TG).

Declaration under Rule 4.17:

— as to the applicant's entitlement to claim the priority of the
earlier application (Rule 4.17(iii)) for all designations

Published:

— with international search report
— before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendmentsFor two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

WO 02/50189 A1

(54) Title: ASPHALT-BASED FORMULATIONS AND METHOD OF MAKING AND USING SAME FOR PAVING APPLICA-
TIONS

(57) Abstract: The present invention is an asphalt-based, cold paving formulation that provides increased flexibility with respect to the choice of aggregate types, asphalt emulsion types, type and amount of the surfactants used to produce the asphalt emulsion, asphalt emulsion pH's and application temperature's than conventional cold paving formulations while providing good mix times and curing behavior. The present invention includes an asphalt-based formulation formed by mixing aggregate, water, an asphalt emulsion; at least one first compound in aqueous solution selected from the group consisting of alkali metal salts, alkali metal hydroxides, ammonium salts and ammonium hydroxide; and at least one second compound in aqueous solution selected from the group consisting of Group IIA salts, Group IIIA salts, Group IIIB salts, copper salts, zinc salts, cadmium salts, manganese salts, iron salts, cobalt salts and nickel salts. The present invention also includes a method of preparing an asphalt-based formulation using these components.

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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(51) International Patent Classification: **C08L 95/00,**
C08K 3/00[US/US]: 12603 Tucker Crossling Lane, Charlotte, NC
28273 (US). **MORMILE, Patrick** [US/US]: 5800 Avelon
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(21) International Application Number: PCT/US02/33343

(74) Agents: **GOLOTA, Mary et al.**; Basf Corporation, 26701
Telegraph Road, Southfield, MI 48034-2442 (US).

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GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG,
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European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR,
GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent
(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
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WO 03/048256 A1

(54) Title: ASPHALT-BASED FORMULATIONS AND METHOD OF MAKING AND USING SAME FOR PAVING AND COATING APPLICATIONS

(57) Abstract: An asphalt-based, cold paving/coating formulation that provides increased flexibility with respect to the choice of aggregate types, asphalt emulsion types, type and amount of the surfactants used to produce the asphalt emulsion, asphalt emulsion pH's and application temperature's than conventional cold paving/coating formulations while providing good mix times and curing behavior. The asphalt-based formulation can be formed by mixing water; an asphalt emulsion; at least one first compound in aqueous solution selected from the group consisting of alkali metal salts, alkali metal hydroxides, ammonium salts, and ammonium hydroxide; at least one second compound in aqueous solution selected from the group consisting of Group IIA salts, Group IIIA salts, Group IIIB salts, copper salts, zinc salts, cadmium salts, manganese salts, iron salts, cobalt salts, and nickel salts; and optionally aggregate. Also, a method of preparing an asphalt-based formulation using these components.